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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/552,076	10/04/2005	Andrei Terechko	NL 030344	8796
24737	7590	06/26/2007	EXAMINER	
PHILIPS INTELLECTUAL PROPERTY & STANDARDS			VICARY, KEITH E	
P.O. BOX 3001			ART UNIT	PAPER NUMBER
BRIARCLIFF MANOR, NY 10510			2183	
			MAIL DATE	DELIVERY MODE
			06/26/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief	Application No. 10/552,076	Applicant(s) TERECHKO, ANDREI
	Examiner Keith Vicary	Art Unit 2183

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 29 May 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

a) The period for reply expires _____ months from the mailing date of the final rejection.

b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). **ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION.** See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because

(a) They raise new issues that would require further consideration and/or search (see NOTE below);

(b) They raise the issue of new matter (see NOTE below);

(c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

(d) They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. Applicant's reply has overcome the following rejection(s): _____.

6. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. For purposes of appeal, the proposed amendment(s): a) will not be entered, or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1-8.

Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

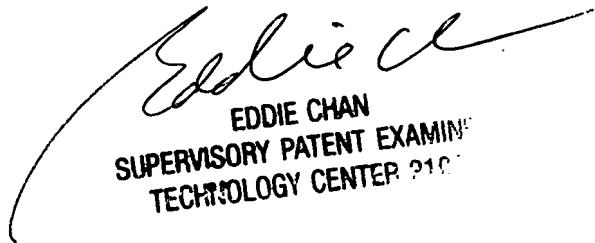
REQUEST FOR RECONSIDERATION/OTHER

11. The request for reconsideration has been considered but does NOT place the application in condition for allowance because:

12. Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____

13. Other: See Continuation Sheet.

Continuation of 13. Other: The rejection of claims 1-8 are maintained as per the Final Rejection. Examiner has considered the remarks of the applicant but the remarks are currently unpersuasive in part due to the following reasons. Applicant argues that the dedicated direct signal connection between any two clusters is not a 112 issue. However, applicant has not addressed the second facet of the 112. To reiterate the rejection, applicant first claims one or more additional pipeline registers arranged in said control connections. Thus, all pipeline registers claimed at that point are arranged in said control connections. The applicant further claims that said pipeline registers are adapted to provide a dedicated direct data signal connection between any two of said clusters. However, because of the antecedent basis, the same pipeline registers appear to be used simultaneously in both control connections and data signal connection. It is indefinite as to how this can be the case. Applicant does not address this facet of the 112 rejection. Applicant further argues that although the degree of access and method of communication between clusters is disclosed, a dedicated connection is never disclosed. Although the citation in the rejection gives one of ordinary skill in the art at the time of the invention enough information to deduce the existence of a dedicated connection, Batten does explicitly disclose of this dedicated connection. See, for example, col. 13, lines 5-47, which disclose the connections between clusters. This includes the I connections, which go from cluster 108-1 to cluster 108-2, the J connections, which go from cluster 108-1 to cluster 108-3, and so forth. Also note that this is for the typical cluster 108-1, as per col. 12, lines 54. Therefore, each cluster has its own connection with each of the other clusters. Also, see Figures 12 and 17 which show the I, J, and so forth connections leaving cluster 1 on a separate arrow and entering the different clusters on a separate arrow. Also note the M and N connections which go from cluster 2 to clusters 3 and 4..



EDDIE CHAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 210